

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012621\
 Data File : VN065609.D
 Acq On : 26 Jan 2021 17:16
 Operator : JC/MD
 Sample : M1188-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-SWITCH-GEAR

Quant Time: Jan 27 03:30:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

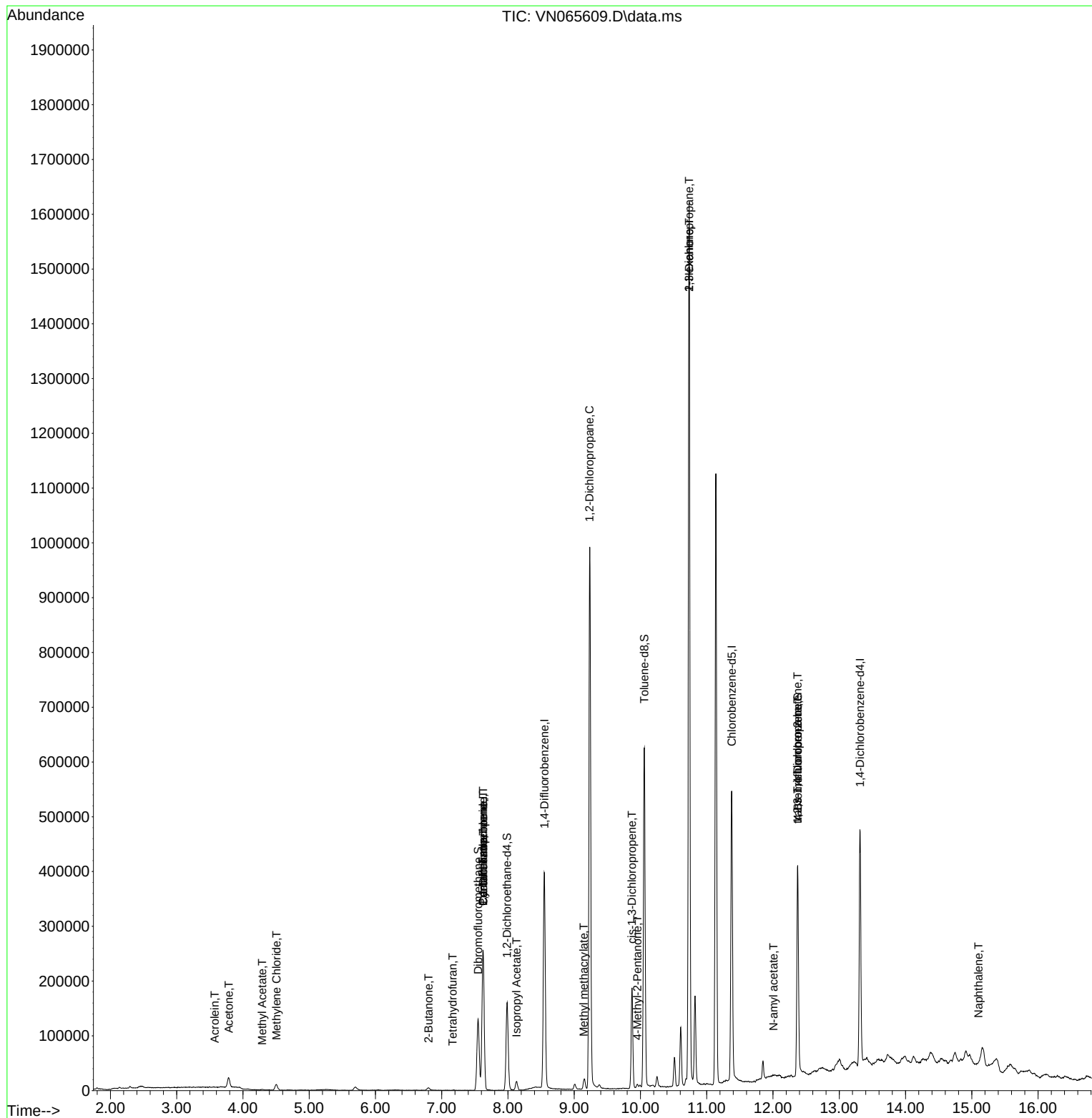
Internal Standards						
1) Pentafluorobenzene	7.624	168	207822	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	359569	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	313915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	120747	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.988	65	133555	48.85	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.70%		
35) Dibromofluoromethane	7.550	113	105269	49.40	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.80%		
50) Toluene-d8	10.058	98	444958	53.12	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.24%		
62) 4-Bromofluorobenzene	12.373	95	152300	50.50	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.00%		
Target Compounds					Qvalue	
13) Acrolein	3.573	56	450	19.03	ug/l #	26
16) Acetone	3.785	43	29111	27.35	ug/l	98
18) Methyl Acetate	4.290	43	1790	0.60	ug/l #	58
20) Methylene Chloride	4.505	84	7486	2.54	ug/l #	92
25) 2-Butanone	6.801	43	4125	2.47	ug/l #	87
29) Tetrahydrofuran	7.168	42	528	0.44	ug/l #	32
31) Cyclohexane	7.624	56	4458	0.87	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	17564	4.85	ug/l #	49
38) Carbon Tetrachloride	7.624	117	19865	6.67	ug/l #	17
43) Isopropyl Acetate	8.129	43	20474	3.33	ug/l #	88
45) 1,2-Dichloropropane	9.232	63	1187	0.39	ug/l #	44
48) Methyl methacrylate	9.142	41	4735	1.62	ug/l #	10
51) 4-Methyl-2-Pentanone	9.952	43	5128	1.51	ug/l	97
54) cis-1,3-Dichloropropene	9.872	75	34494	7.38	ug/l #	57
57) 1,3-Dichloropropane	10.733	76	16641	3.79	ug/l #	43
59) 2-Hexanone	10.733	43	230424	97.81	ug/l #	50
74) N-amyl acetate	12.010	43	2313	0.52	ug/l #	43
76) 1,2,3-Trichloropropane	12.370	75	71958	22.79	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.370	75	71958	58.37	ug/l #	12
95) Naphthalene	15.100	128	369	3.50	ug/l #	22

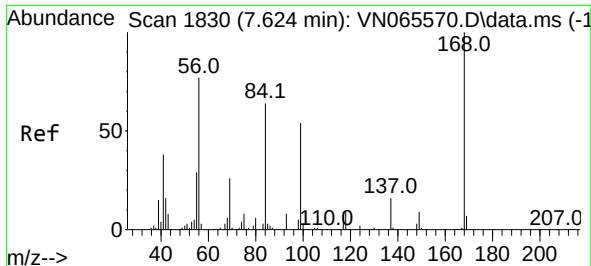
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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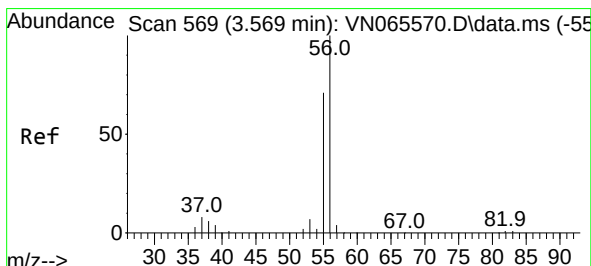
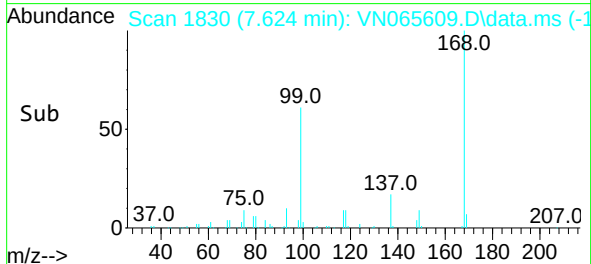
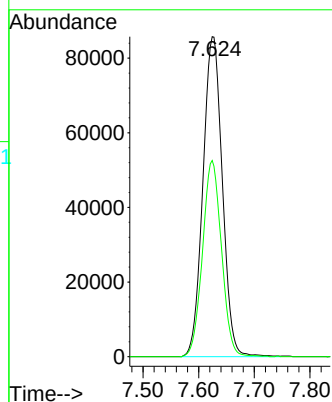
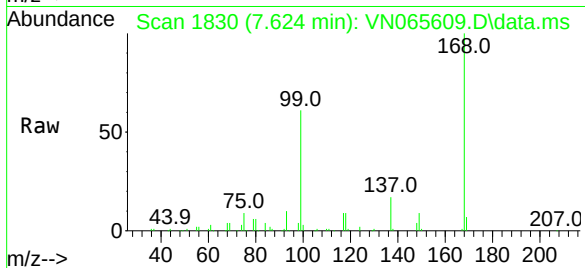




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065609.D
Acq: 26 Jan 2021 17:16

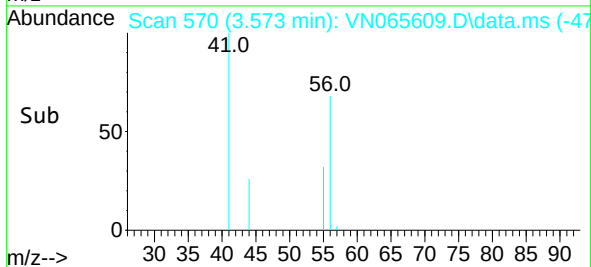
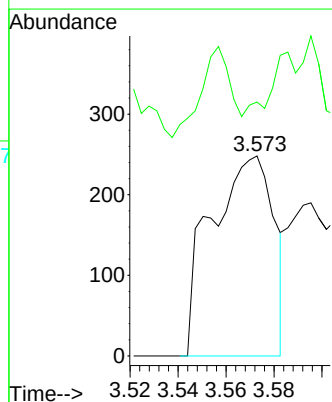
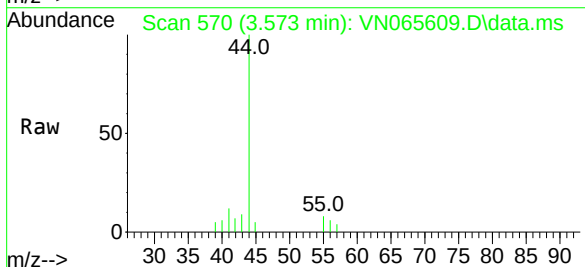
Instrument :
MSVOA_N
ClientSampleId :
TP-SWITCH-GEAR

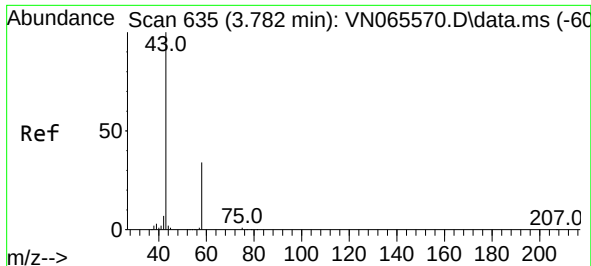
Tgt Ion:168 Resp: 207822
Ion Ratio Lower Upper
168 100
99 61.3 42.6 63.8



#13
Acrolein
Concen: 19.03 ug/l
RT: 3.573 min Scan# 570
Delta R.T. 0.004 min
Lab File: VN065609.D
Acq: 26 Jan 2021 17:16

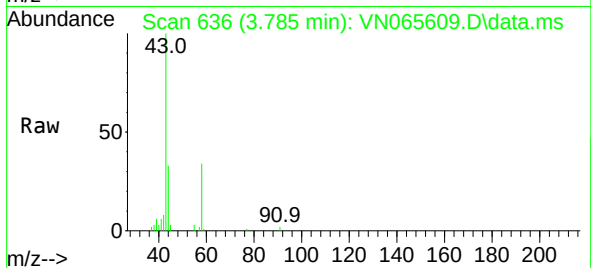
Tgt Ion: 56 Resp: 450
Ion Ratio Lower Upper
56 100
55 8.9 56.0 84.0#



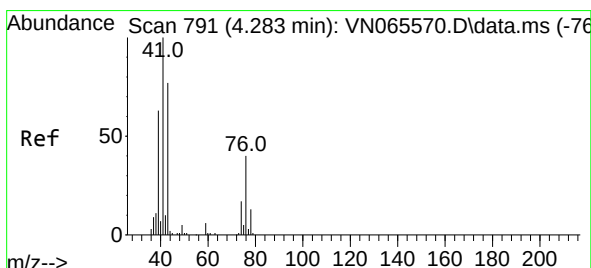
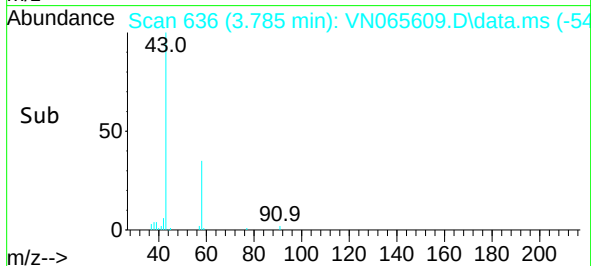
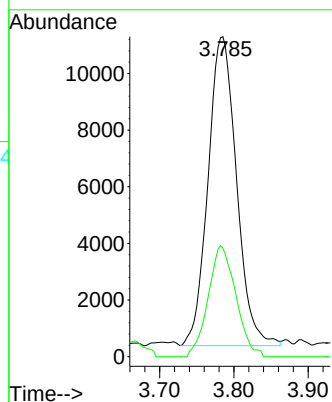


#16
Acetone
Concen: 27.35 ug/l
RT: 3.785 min Scan# 636
Delta R.T. 0.003 min
Lab File: VN065609.D
Acq: 26 Jan 2021 17:16

Instrument :
MSVOA_N
ClientSampleId :
TP-SWITCH-GEAR

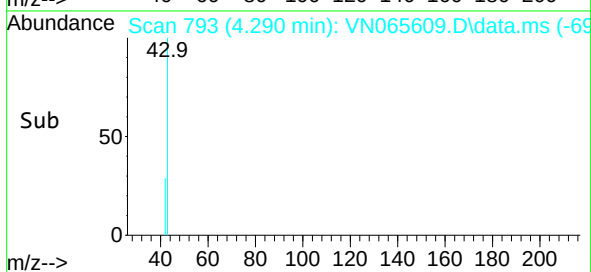
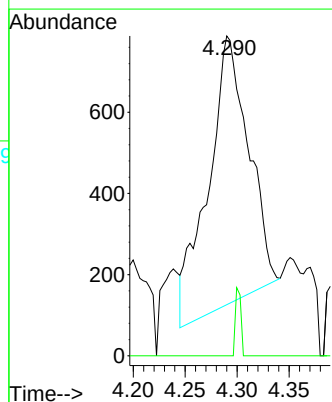
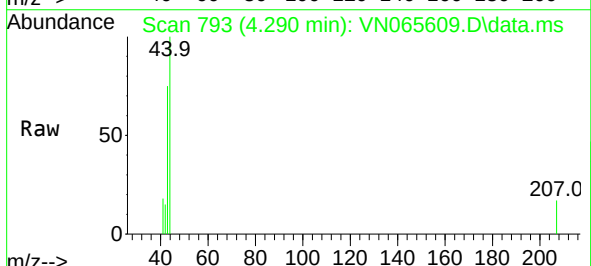


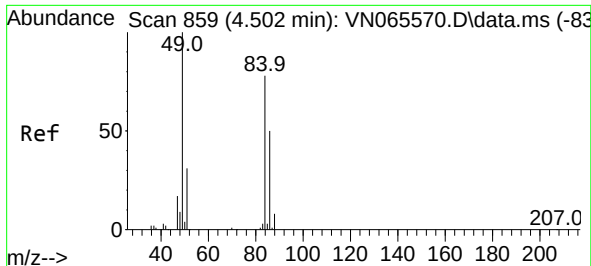
Tgt Ion: 43 Resp: 29111
Ion Ratio Lower Upper
43 100
58 35.2 27.0 40.6



#18
Methyl Acetate
Concen: 0.60 ug/l
RT: 4.290 min Scan# 793
Delta R.T. 0.007 min
Lab File: VN065609.D
Acq: 26 Jan 2021 17:16

Tgt Ion: 43 Resp: 1790
Ion Ratio Lower Upper
43 100
74 3.4 19.5 29.3#





#20

Methylene Chloride

Concen: 2.54 ug/l

RT: 4.505 min Scan# 860

Delta R.T. 0.003 min

Lab File: VN065609.D

Acq: 26 Jan 2021 17:16

Tgt Ion: 84 Resp: 7486

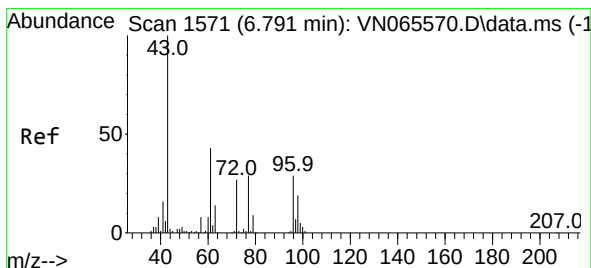
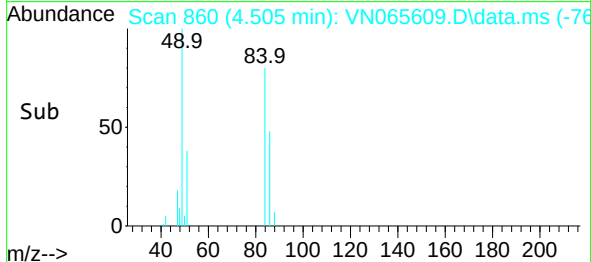
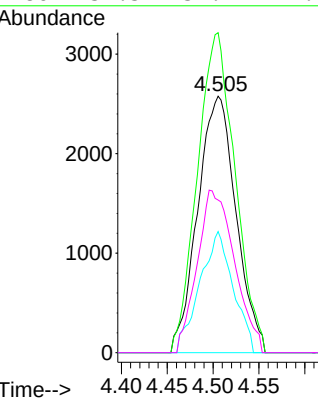
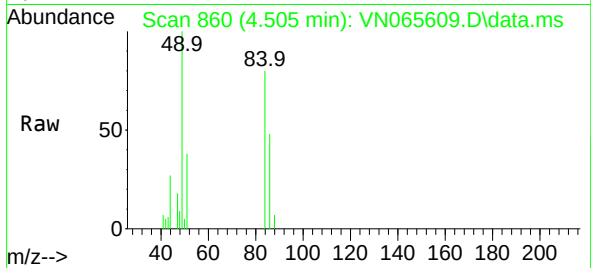
Ion Ratio Lower Upper

84 100

49 124.8 94.6 141.8

51 47.3 29.9 44.9#

86 59.5 51.4 77.2



#25

2-Butanone

Concen: 2.47 ug/l

RT: 6.801 min Scan# 1574

Delta R.T. 0.010 min

Lab File: VN065609.D

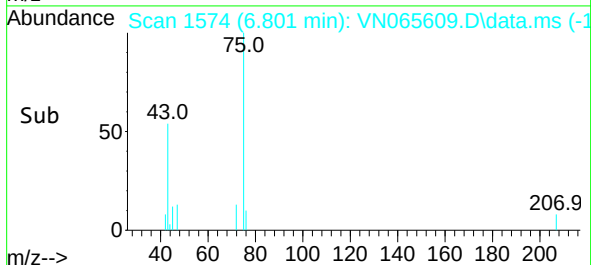
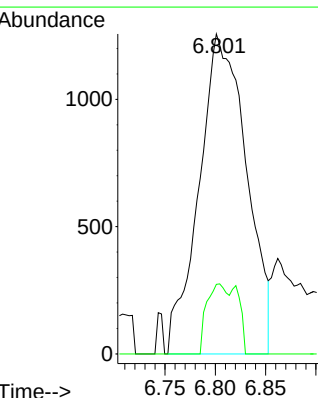
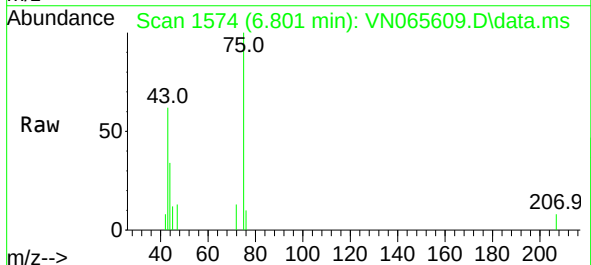
Acq: 26 Jan 2021 17:16

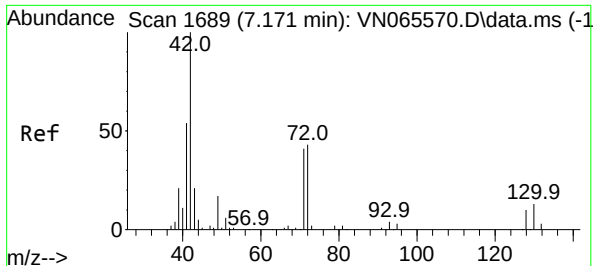
Tgt Ion: 43 Resp: 4125

Ion Ratio Lower Upper

43 100

72 21.7 23.1 34.7#





#29

Tetrahydrofuran

Concen: 0.44 ug/l

RT: 7.168 min Scan# 1688

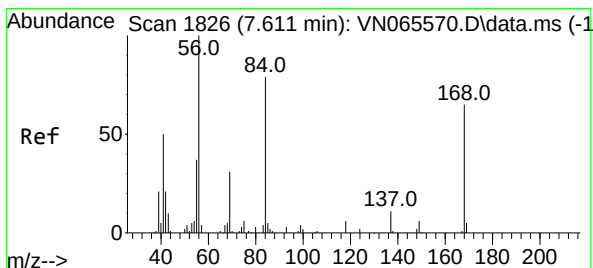
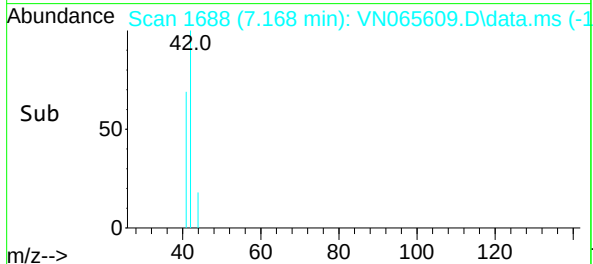
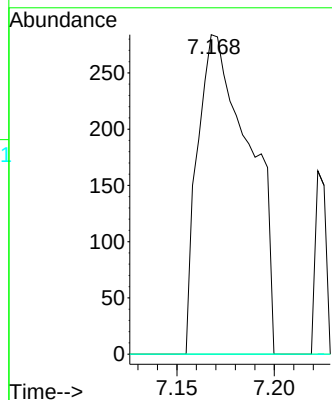
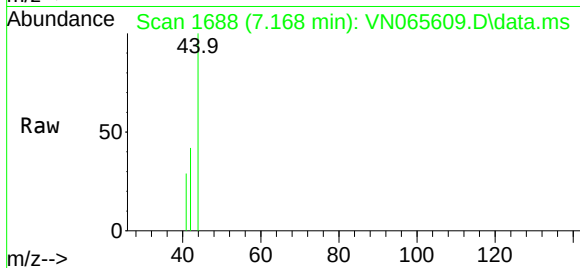
Delta R.T. -0.003 min

Lab File: VN065609.D

Acq: 26 Jan 2021 17:16

Tgt Ion:	42	Resp:	528
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.6	55.0#
71	0.0	34.3	51.5#

Instrument :
MSVOA_N
ClientSampleId :
TP-SWITCH-GEAR



#31

Cyclohexane

Concen: 0.87 ug/l

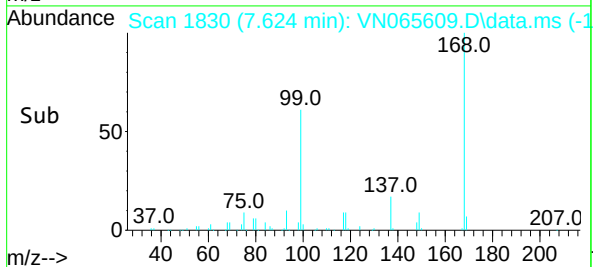
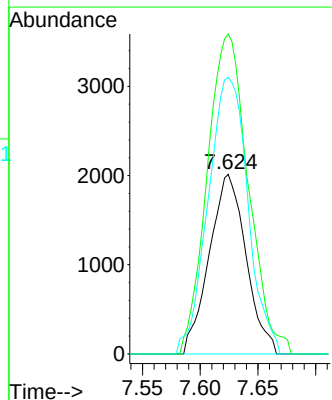
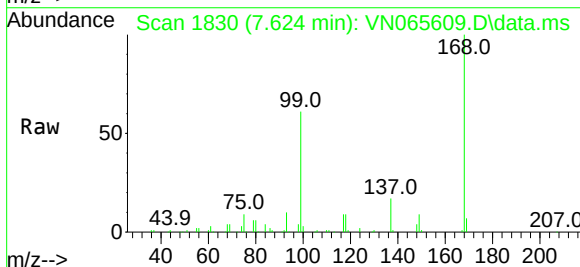
RT: 7.624 min Scan# 1830

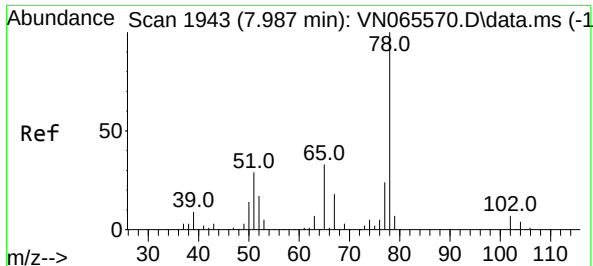
Delta R.T. 0.013 min

Lab File: VN065609.D

Acq: 26 Jan 2021 17:16

Tgt Ion:	56	Resp:	4458
Ion	Ratio	Lower	Upper
56	100		
69	178.1	26.6	39.8#
84	153.9	70.4	105.6#





#33

1,2-Dichloroethane-d4

Concen: 48.85 ug/l

RT: 7.988 min Scan# 1943

Delta R.T. 0.001 min

Lab File: VN065609.D

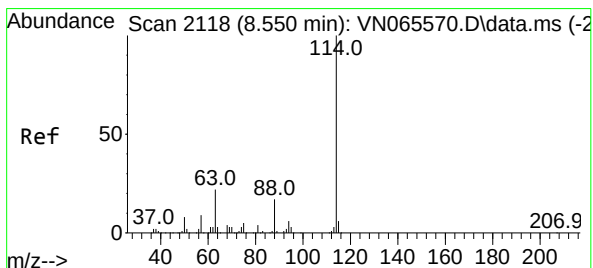
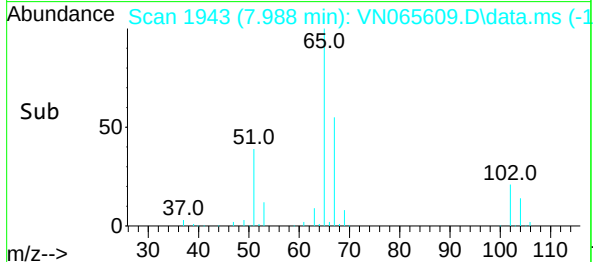
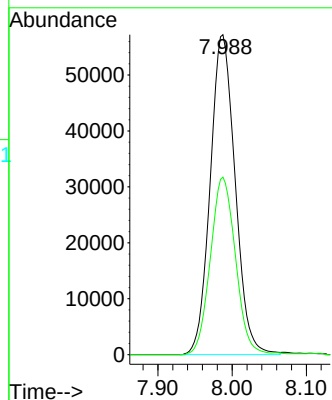
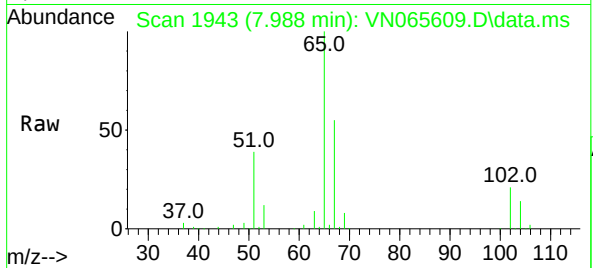
Acq: 26 Jan 2021 17:16

Tgt Ion: 65 Resp: 133555

Ion Ratio Lower Upper

65 100

67 55.7 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.550 min Scan# 2118

Delta R.T. 0.000 min

Lab File: VN065609.D

Acq: 26 Jan 2021 17:16

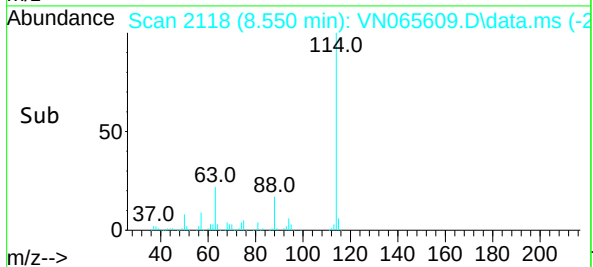
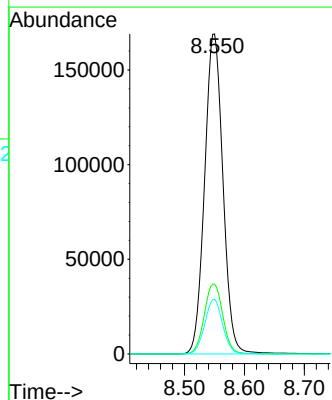
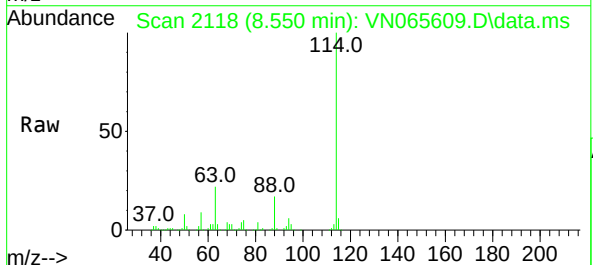
Tgt Ion: 114 Resp: 359569

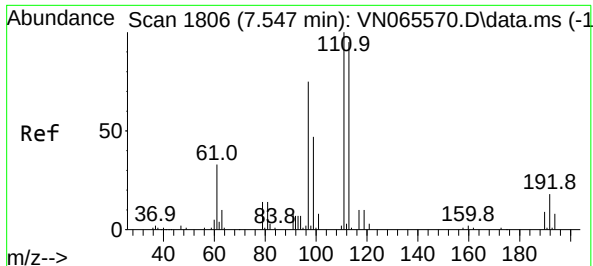
Ion Ratio Lower Upper

114 100

63 21.8 0.0 38.6

88 17.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.40 ug/l

RT: 7.550 min Scan# 1807

Delta R.T. 0.003 min

Lab File: VN065609.D

Acq: 26 Jan 2021 17:16

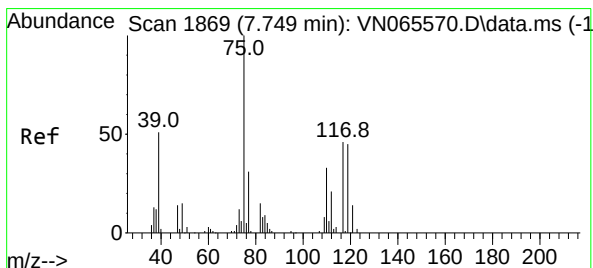
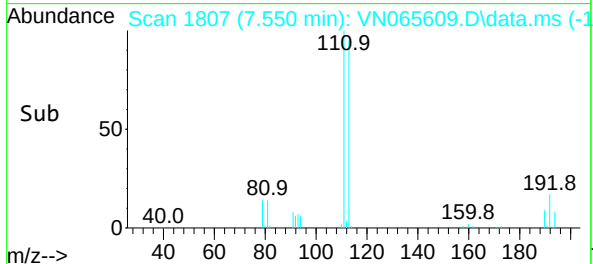
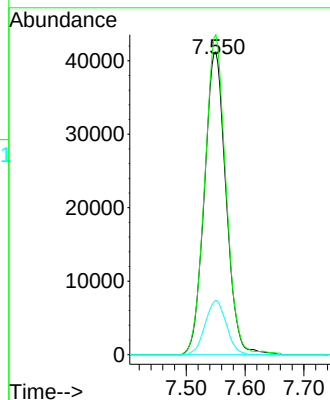
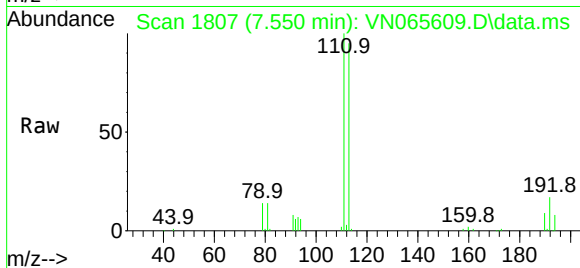
Tgt Ion:113 Resp: 105269

Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.2

192 17.6 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.85 ug/l

RT: 7.624 min Scan# 1830

Delta R.T. -0.125 min

Lab File: VN065609.D

Acq: 26 Jan 2021 17:16

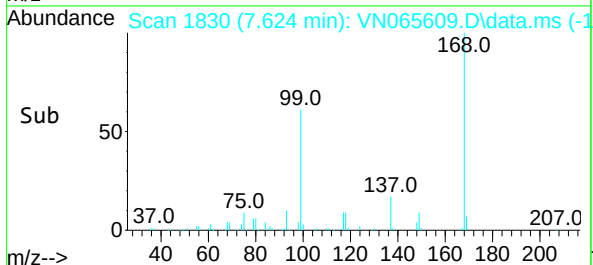
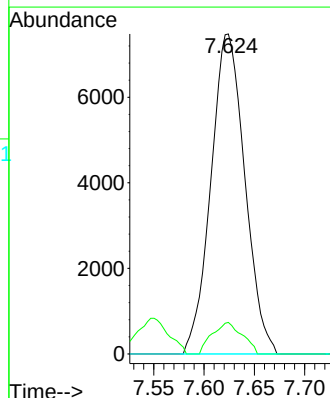
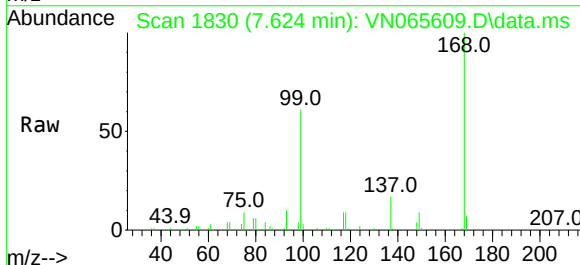
Tgt Ion: 75 Resp: 17564

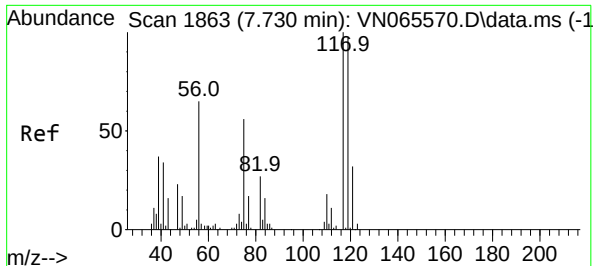
Ion Ratio Lower Upper

75 100

110 8.7 18.2 54.6#

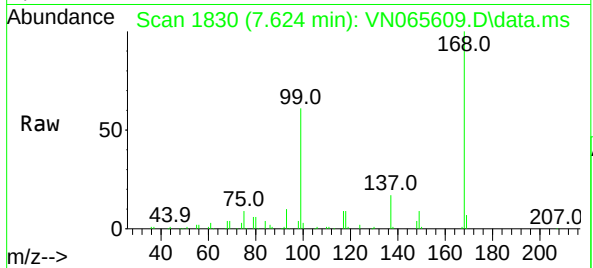
77 0.0 24.9 37.3#



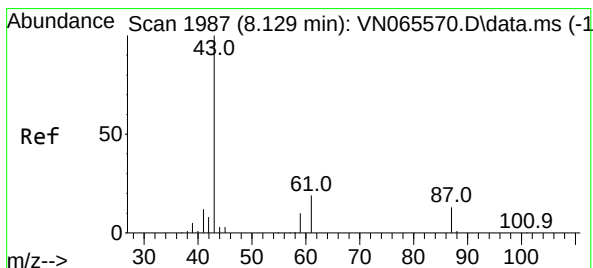
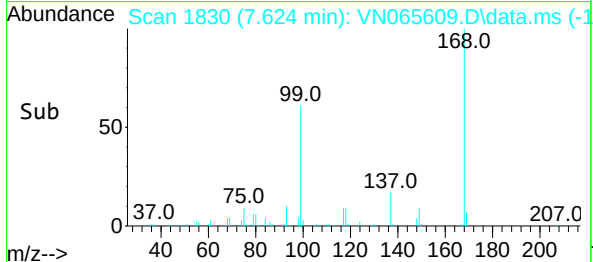
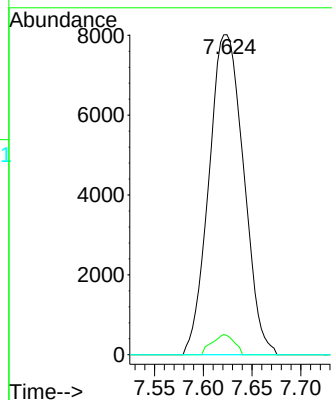


#38
Carbon Tetrachloride
Concen: 6.67 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065609.D
Acq: 26 Jan 2021 17:16

Instrument :
MSVOA_N
ClientSampleId :
TP-SWITCH-GEAR

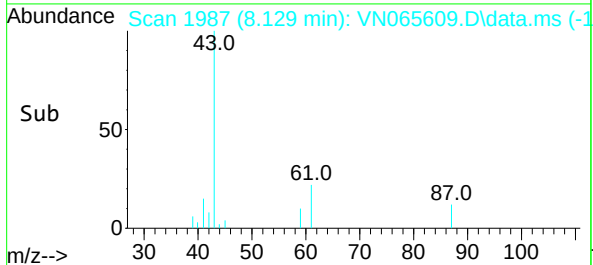
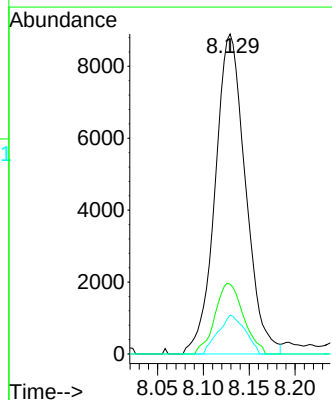
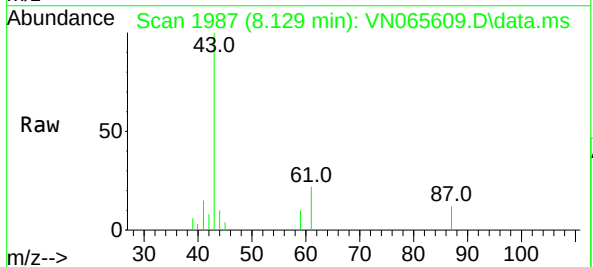


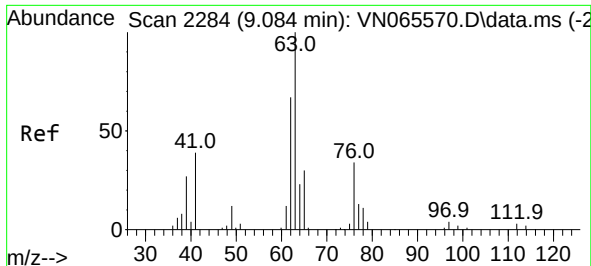
Tgt Ion:117 Resp: 19865
Ion Ratio Lower Upper
117 100
119 6.0 76.0 114.0#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 3.33 ug/l
RT: 8.129 min Scan# 1987
Delta R.T. -0.000 min
Lab File: VN065609.D
Acq: 26 Jan 2021 17:16

Tgt Ion: 43 Resp: 20474
Ion Ratio Lower Upper
43 100
61 20.7 22.5 33.7#
87 10.7 11.1 16.7#

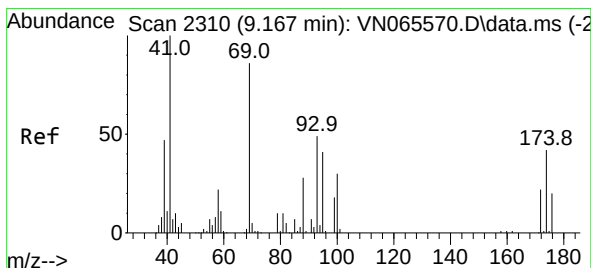
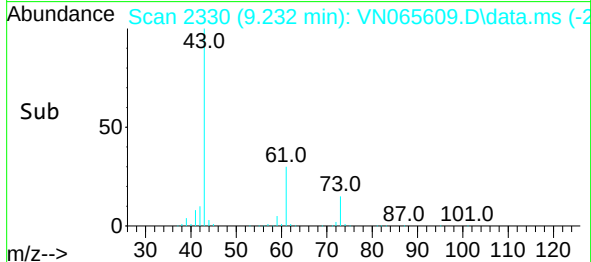
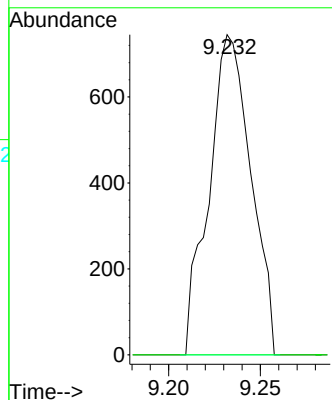
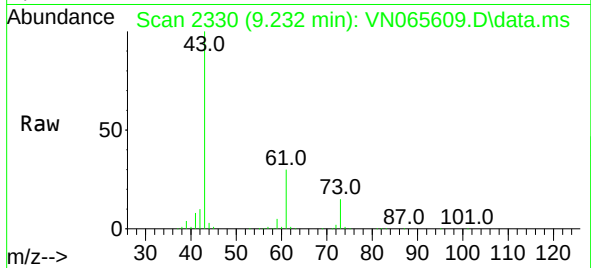




#45
1,2-Dichloropropane
Concen: 0.39 ug/l
RT: 9.232 min Scan# 2330
Delta R.T. 0.148 min
Lab File: VN065609.D
Acq: 26 Jan 2021 17:16

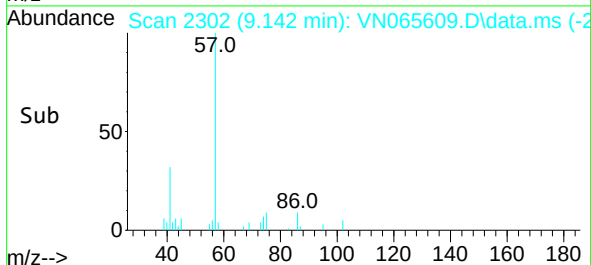
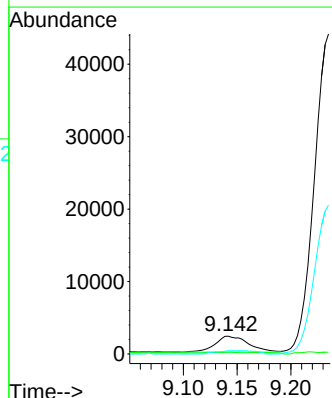
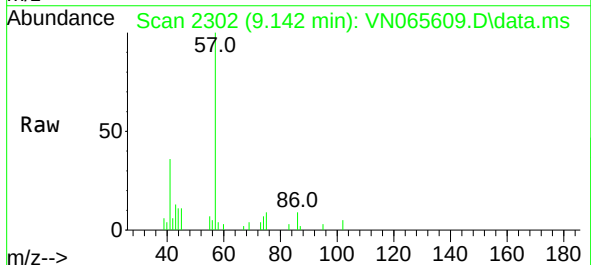
Instrument :
MSVOA_N
ClientSampleId :
TP-SWITCH-GEAR

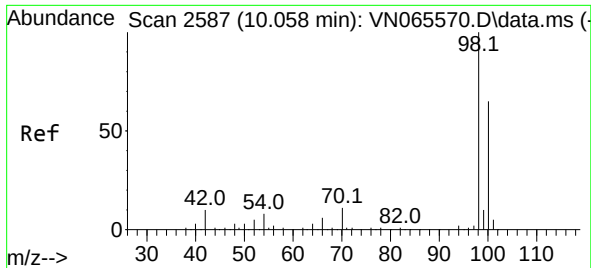
Tgt Ion: 63 Resp: 1187
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#



#48
Methyl methacrylate
Concen: 1.62 ug/l
RT: 9.142 min Scan# 2302
Delta R.T. -0.025 min
Lab File: VN065609.D
Acq: 26 Jan 2021 17:16

Tgt Ion: 41 Resp: 4735
Ion Ratio Lower Upper
41 100
69 1.2 75.9 113.9#
39 0.0 46.6 69.8#

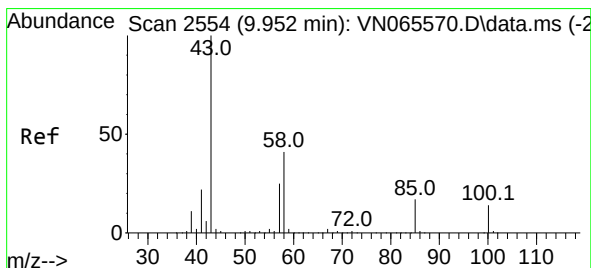
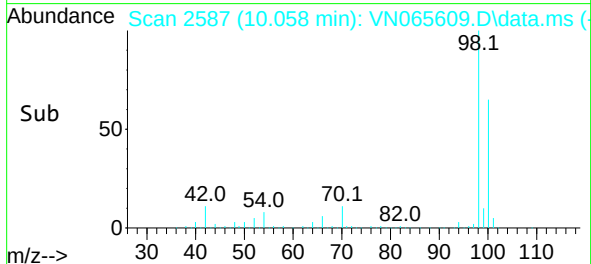
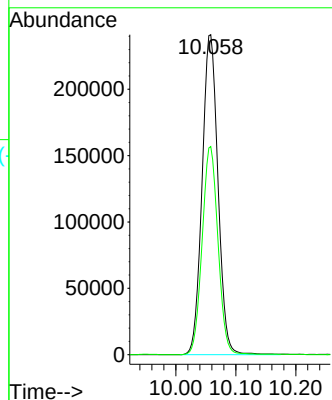
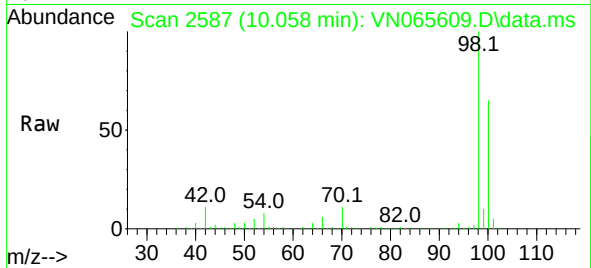




#50
Toluene-d8
Concen: 53.12 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065609.D
Acq: 26 Jan 2021 17:16

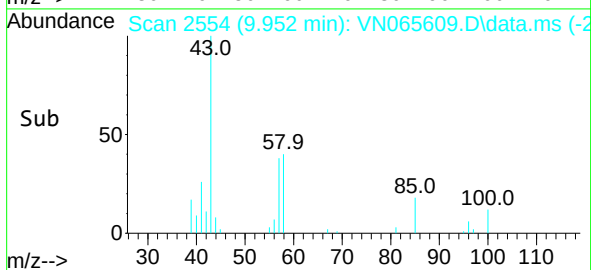
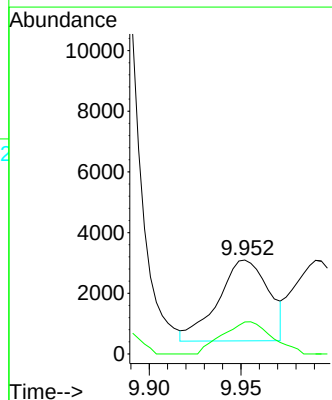
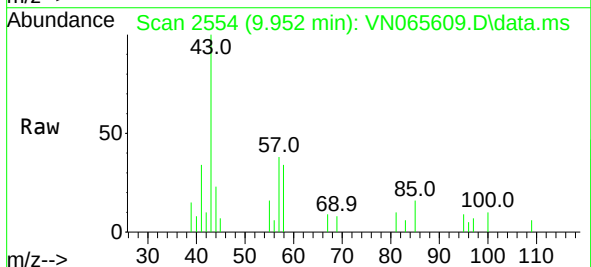
Instrument :
MSVOA_N
ClientSampleId :
TP-SWITCH-GEAR

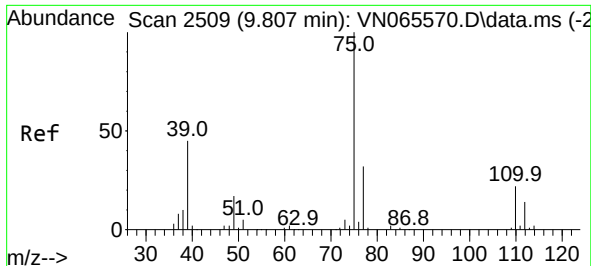
Tgt Ion: 98 Resp: 444958
Ion Ratio Lower Upper
98 100
100 64.9 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.51 ug/l
RT: 9.952 min Scan# 2554
Delta R.T. 0.000 min
Lab File: VN065609.D
Acq: 26 Jan 2021 17:16

Tgt Ion: 43 Resp: 5128
Ion Ratio Lower Upper
43 100
58 38.9 32.5 48.7

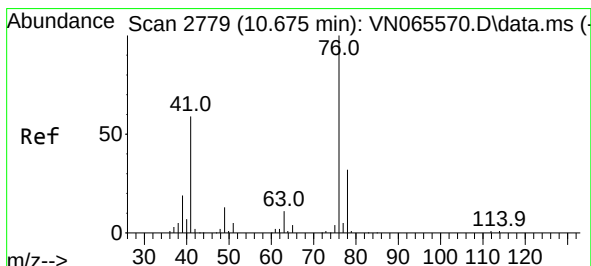
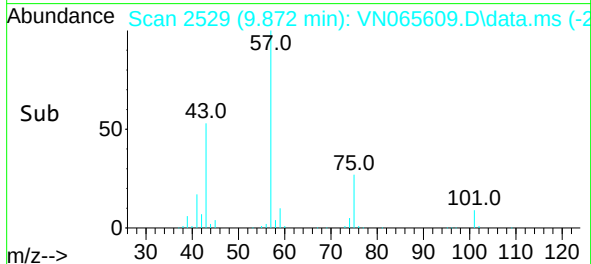
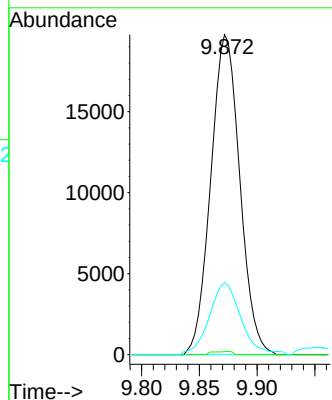
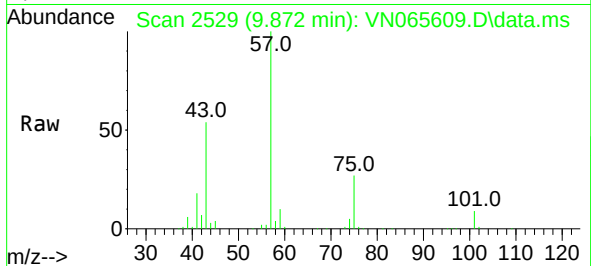




#54
 cis-1,3-Dichloropropene
 Concen: 7.38 ug/l
 RT: 9.872 min Scan# 2529
 Delta R.T. 0.065 min
 Lab File: VN065609.D
 Acq: 26 Jan 2021 17:16

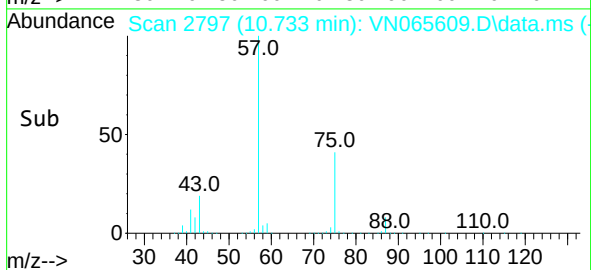
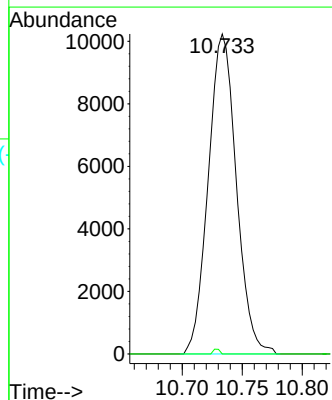
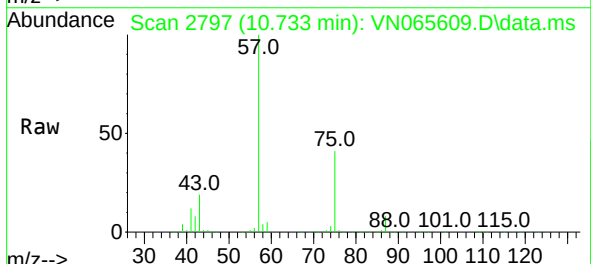
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-SWITCH-GEAR

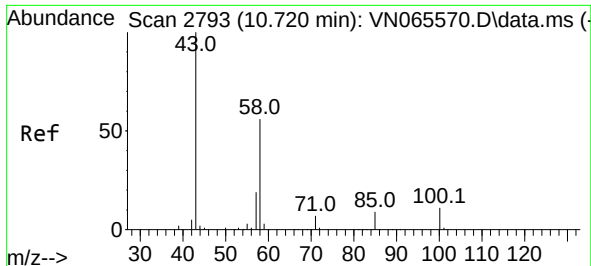
Tgt Ion: 75 Resp: 34494
 Ion Ratio Lower Upper
 75 100
 77 0.9 24.9 37.3#
 39 22.5 36.2 54.4#



#57
 1,3-Dichloropropane
 Concen: 3.79 ug/l
 RT: 10.733 min Scan# 2797
 Delta R.T. 0.058 min
 Lab File: VN065609.D
 Acq: 26 Jan 2021 17:16

Tgt Ion: 76 Resp: 16641
 Ion Ratio Lower Upper
 76 100
 78 0.4 25.7 38.5#

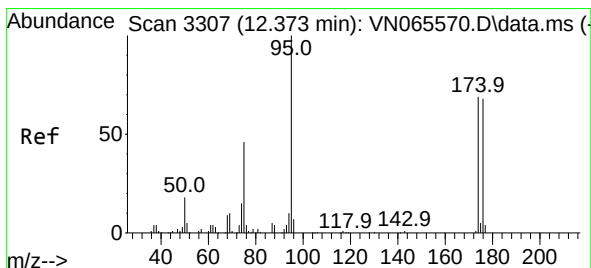
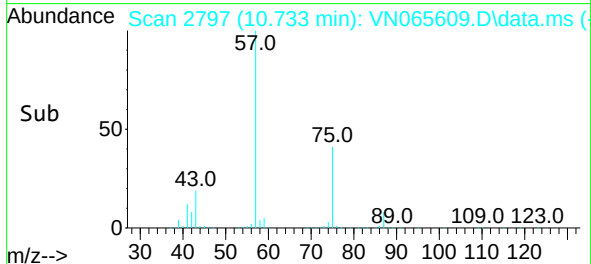
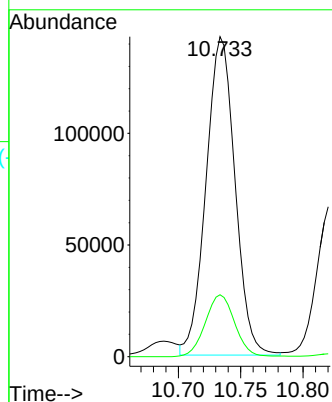
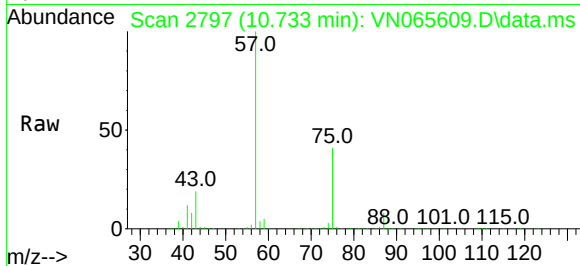




#59
2-Hexanone
Concen: 97.81 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.013 min
Lab File: VN065609.D
Acq: 26 Jan 2021 17:16

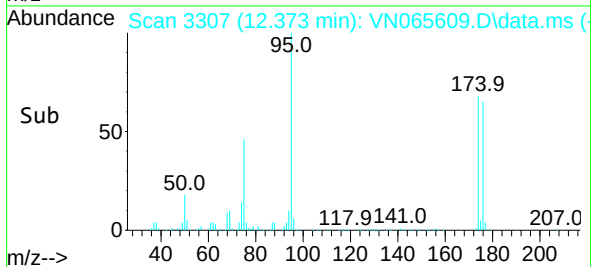
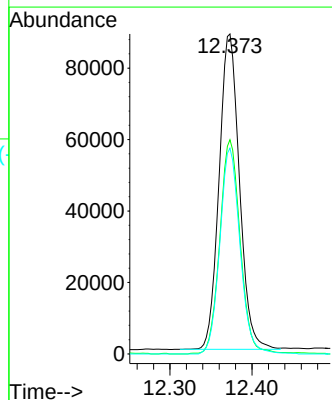
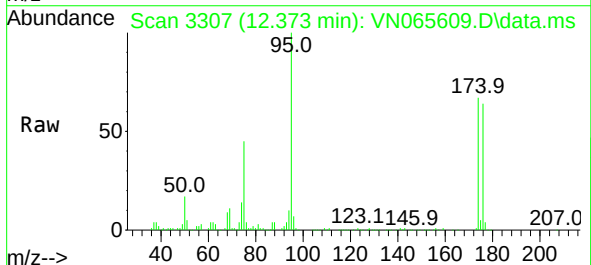
Instrument :
MSVOA_N
ClientSampleId :
TP-SWITCH-GEAR

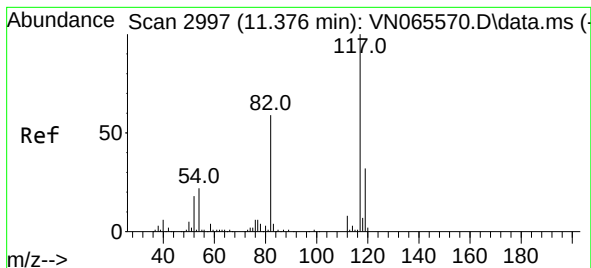
Tgt Ion: 43 Resp: 230424
Ion Ratio Lower Upper
43 100
58 19.9 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 50.50 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065609.D
Acq: 26 Jan 2021 17:16

Tgt Ion: 95 Resp: 152300
Ion Ratio Lower Upper
95 100
174 68.2 0.0 169.0
176 64.8 0.0 162.4

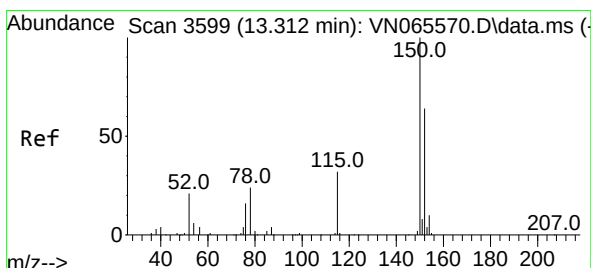
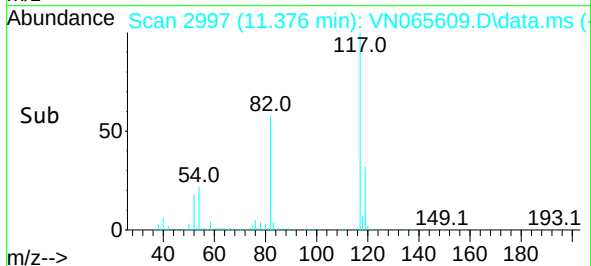
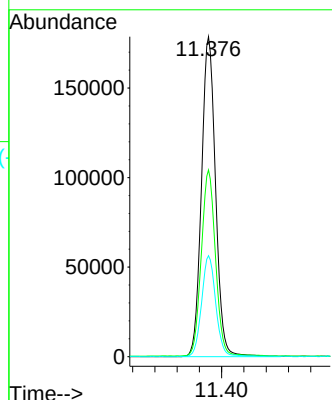
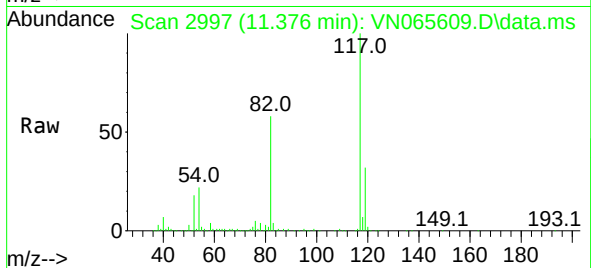




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065609.D
Acq: 26 Jan 2021 17:16

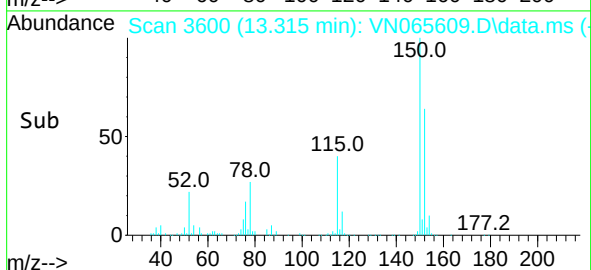
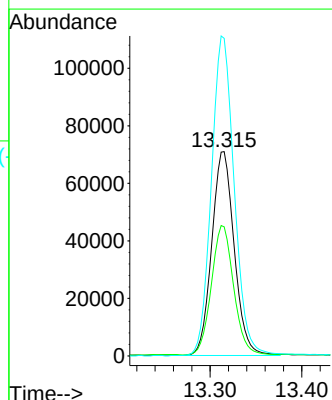
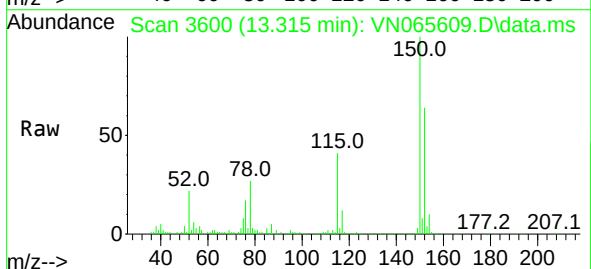
Instrument :
MSVOA_N
ClientSampleId :
TP-SWITCH-GEAR

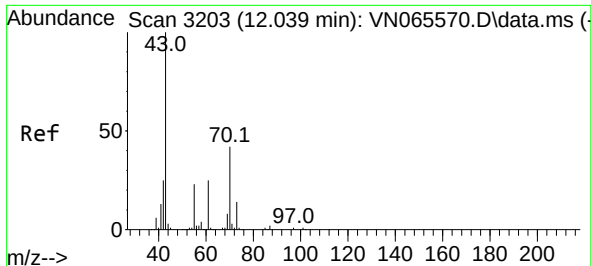
Tgt Ion:117 Resp: 313915
Ion Ratio Lower Upper
117 100
82 58.1 43.7 65.5
119 31.5 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065609.D
Acq: 26 Jan 2021 17:16

Tgt Ion:152 Resp: 120747
Ion Ratio Lower Upper
152 100
115 62.7 28.5 85.6
150 161.3 0.0 347.6

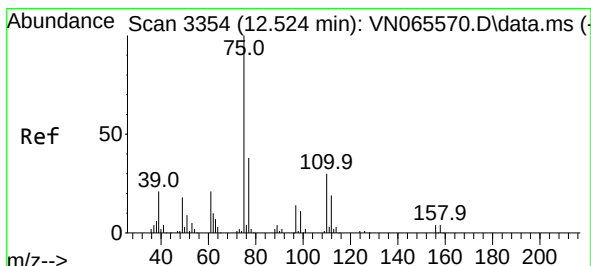
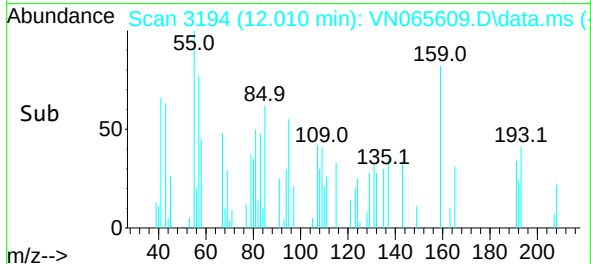
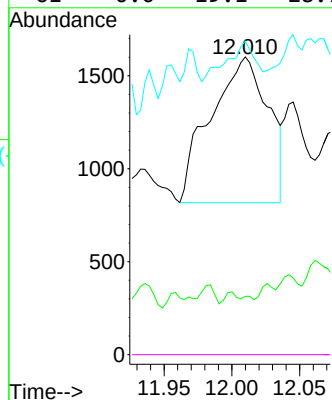
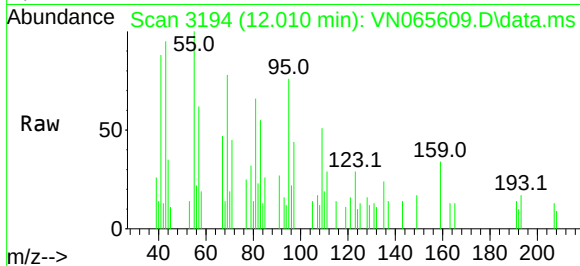




#74
N-amy1 acetate
Concen: 0.52 ug/l
RT: 12.010 min Scan# 3194
Delta R.T. -0.029 min
Lab File: VN065609.D
Acq: 26 Jan 2021 17:16

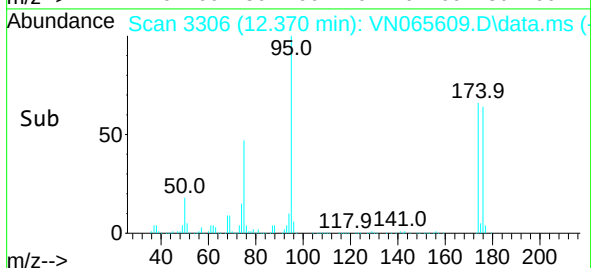
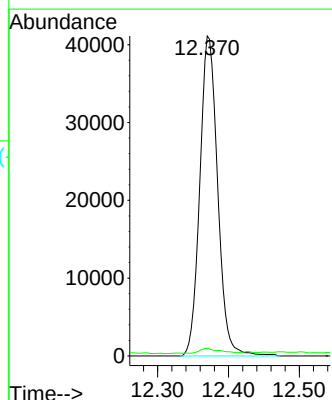
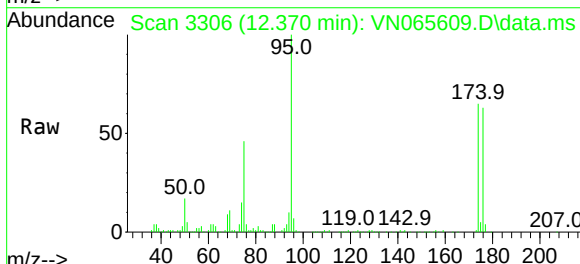
Instrument :
MSVOA_N
ClientSampleId :
TP-SWITCH-GEAR

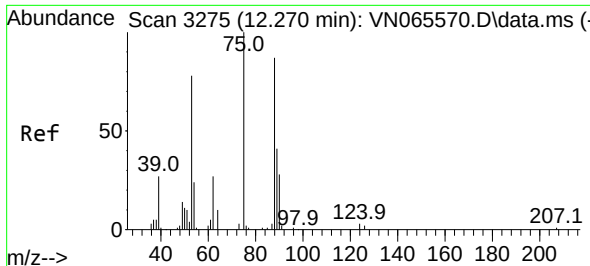
Tgt Ion: 43 Resp: 2313
Ion Ratio Lower Upper
43 100
70 1.7 34.4 51.6#
55 0.0 20.7 31.1#
61 0.0 19.1 28.7#



#76
1,2,3-Trichloropropane
Concen: 22.79 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. -0.154 min
Lab File: VN065609.D
Acq: 26 Jan 2021 17:16

Tgt Ion: 75 Resp: 71958
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#

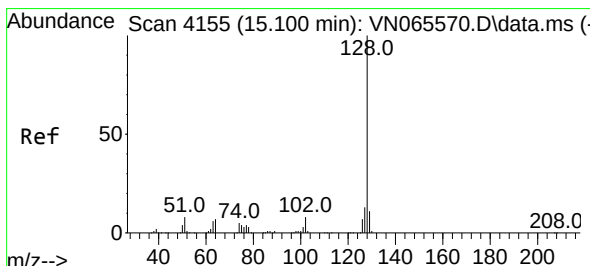
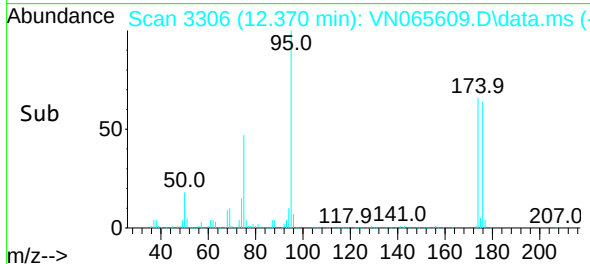
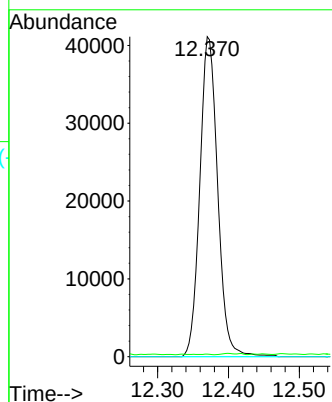
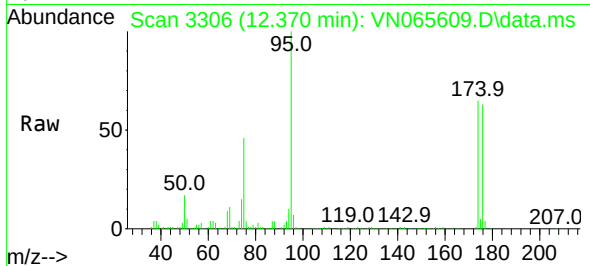




#81
trans-1,4-Dichloro-2-butene
Concen: 58.37 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. 0.100 min
Lab File: VN065609.D
Acq: 26 Jan 2021 17:16

Instrument :
MSVOA_N
ClientSampleId :
TP-SWITCH-GEAR

Tgt Ion: 75 Resp: 71958
Ion Ratio Lower Upper
75 100
53 0.1 74.6 111.8#
89 0.0 35.8 53.8#



#95
Naphthalene
Concen: 3.50 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. -0.000 min
Lab File: VN065609.D
Acq: 26 Jan 2021 17:16

Tgt Ion:128 Resp: 369
Ion Ratio Lower Upper
128 100
127 62.1 10.2 15.2#
129 19.8 8.6 13.0#

